

# OEQC BULLETIN



JOHN WAIHEE  
GOVERNOR

MARVIN T. MIURA, Ph.D.  
DIRECTOR

Volume 5

December 8, 1988

Number 23

## REGISTER OF CHAPTER 343, HRS DOCUMENTS

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All Chapter 343, HRS documents submitted for publication in the OEQC Bulletin must be addressed to the Office of Environmental Quality Control, 465 South King Street, Room 104, Honolulu, Hawaii 96813. Documents addressed otherwise will not be considered for publication.

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### NEGATIVE DECLARATIONS

The following are Negative Declarations or determinations made by proposing or approving agencies that certain proposed actions will not have significant effects on the environment and therefore do not require EISs (EIS Rules 11-200-11). Publication in the Bulletin of a Negative Declaration initiates a 60-day period during which litigation measures may be instituted. Copies are available at 25 cents per page upon request to the Office. Parties wishing to comment may submit written comments to the agency responsible for the determination (indicated in project title). The Office would appreciate a copy of your comments.

#### OAHU

SUNSET BEACH ELEMENTARY SCHOOL, PUPUKEA,  
OAHU, TMK: 5-9-05:18, Dept. of  
Education/Dept. of Accounting & General  
Services

The department proposes to construct three concrete and masonry buildings consisting of two 4-classroom buildings and one library. The work includes sitework, fire truck access road, wastewater treatment plant and utilities. The estimated cost of construction is \$3.443 million.

The proposed buildings will be sited on the open area comprised of a grassed play area and uncleared brush along the makai side of the school. Since the site is approximately 100 yards mauka of Kam Highway, the proposed buildings will not affect any public views of the ocean.

The lack of a public sewer system in the area requires the construction of an Extended Aeration Plant on the Waimea/Makai end of the campus. Preliminary discussions with the Department of Health indicates that the proposed system is consistent with their guidelines and a close liaison with the Department will be maintained in the development of the project drawings.

PANAWEA AGRICULTURAL PARK AMENDMENT TO  
SUPPLEMENTAL STATEMENT OF THE FARM  
LABORATORY, UNIVERSITY OF HAWAII, HILO,  
HAWAII, TMK: 2-2-48-4

This proposal is for the development of a pesticide storage and handling facility. It will be a one story structure, constructed with masonry and metal on an already cleared area. Excess pesticides will be temporarily stored in a butyl rubber lined sump in a covered, ventilated and secured area before being packed, shipped and disposed of in accordance with EPA approved methods. This facility will be in an area designated as the Panaewa Agricultural Park in Hilo, four miles southeast of the University Hilo campus.

The University farm is five miles from Hilo Bay. No streams or drainages run through the site leading to the open water, so no adverse impact is anticipated to the marine biota.

The purpose of the pesticide storage and handling facility is to provide safe usage and storage to train students, local farmers and rangers in the proper handling of pesticides.

CONSERVATION DISTRICT USE APPLICATION:  
TO EXPAND AND ENHANCE SINGLE FAMILY  
RESIDENTIAL USE OF PROPERTY IN A  
CONSERVATION DISTRICT, TANTALUS, OAHU,  
TMK: 2-5-18:17, Chamberlain &  
Rabbett/Dept. of Land & Natural Resources.

The applicant proposes renovations to the interior and exterior including a new roof. Specifically the renovations will be an addition of a second story to the main house, a new lanai, deck, dog kennel area, an expansion of the cottage and its studio, a new pool, barbeque, bench, walls, deck and a jacuzzi.

LAND ACQUISITION TO EXPAND KALAE-OIO  
BEACH PARK & CONSTRUCTION SITE  
IMPROVEMENTS, KAAAWA, OAHU, TMK:5-1-09:27.  
Department of Parks & Recreation/City &  
County of Honolulu.

The proposed action involves acquisition of a 0.21 acre parcel located between two existing beach parks, Kalae-Oio Beach Park and Kaaawa Beach Park. Improvements will include demolition and clearing of a single family residential structure, the installation of an irrigation system, picnic facilities, comfort station, showers and landscaping. Limited parking may also be provided.

The property owner is cognizant of the City's intent to acquire and develop the parcel for beach park use. This project is supported by the Koolauloa Neighborhood Board.

The cost for acquiring the project site is estimated at \$300,000 and another \$300,000 will be required for improvements.

UNIVERSITY OF HAWAII-MANOA, CAMPUS-WIDE  
SECURITY SYSTEM, PHASE 2, HONOLULU, OAHU,  
TMK:2-8-23:3, 2-8-29:1 and 2-9-04:5.  
University of Hawaii/Dept. of Accounting  
& General Services.

To deter or prevent crimes such as assaults and burglaries, the University proposes to construct a campus wide security system at Manoa which includes lighting, fencing, gates, fire and burglar alarms. The estimated cost of construction is \$220,000.

ALIAMANU INTERMEDIATE SCHOOL PLAYFIELD  
IMPROVEMENTS, ALIAMANU, OAHU,  
TMK:1-1-10:33, Dept. of Education/Dept. of  
Accounting & General Services.

This project will provide the school with a safer and aesthetically pleasing playfield for the physical education program in accordance with the Educational Specifications. Playfield improvements will include grading, grassing and the installation of a sprinkler system. The estimated cost of the construction is \$153,000.

HAWAII KAI PUBLIC LIBRARY PARKING AND

BOOK DROP, HAWAII KAI, OAHU,  
TMK:3-9-40:11, Dept. of Education/Dept.  
of Accounting & General Services.

This project will provide the library with an improved facility for the return of books via an automobile drive-through. It will involve the construction of a new asphaltic concrete driveway and modifications for a book drop for the existing Hawaii Kai Public Library. The estimated cost of construction is \$39,000.

ACQUISITION AND DEVELOPMENT OF LAIE POINT PARK, LAIE, OAHU, TMK:5-5-10: 1-3, 22 & 29. Dept. of Parks & Recreation/City & County of Honolulu.

The proposed action includes City acquisition of Tax Map Key 5-5-10:2 & 22 and State acquisition of Tax Map Key 5-5-10:3 & 29. Tax Map Key 5-5-10:1 is presently a private park. It is not resolved yet whether Laie Point Park will be a City or State Park. The primary use of the area is for a lookout or a scenic vista.

The nature and extent of park improvements will be resolved at a later date, however, paved parking, a vehicle turnaround area and low-maintenance landscaping will probably be added on the parcels acquired. A comfort station is possible but the need or justification to incur the tremendous cost of developing and maintaining an ancillary wastewater treatment plant has not been determined. Existing houses on Laie Point are serviced with private cesspools.

The new parcels have a combined area of about 62,900 sq.ft. The private park at the end of the peninsula has 93,300 sq.ft.

The 1988 City budget and the 1988 State budget both appropriated \$700,000 for acquisition of property for the Laie Point Park. Construction funds estimated at \$100,000 have not been appropriated as yet. The primary impact of City and State acquisition of the four parcels will be to ensure continued public open space rather than exclusive residential use.

KAKA'AKO WATERFRONT PARK, PHASE 1-B, HONOLULU, OAHU, TMK: 2-1-60: 01 and 02., Hawaii Community Development Authority/Dept. of Land Utilization, City & County of Honolulu.

The proposed Phase 1-B project consists of grading a 3.3 acre area and providing top soil and an irrigation system. The work includes adjustments to the City & County's Division of Wastewater Management's Corporation Yard as an extension of the paved area and the installation of a chain link fence. On site is a large mound as high as 44 feet believed to contain incinerator residue, construction demolition waste and soil cover material. Grading of the site will involve cutting and leveling the mound of soil, ash and rubble of approximately 30,000 cubic yards. The estimated construction cost of this project is \$650,000.

AN EIGHT UNIT CLUSTER SUBDIVISION AT KANEHOE BAY DRIVE, KAILUA, OAHU, TMK:4-4-07:18,19,20, & 31. Thomas Metcalf/Dept. of Land Utilization, City & County, Honolulu.

The Kaneohe Bay Villas is a proposed eight lot cluster subdivision on Kaneohe Bay Drive along the windward coastline of Oahu comprised of four parcels totaling 83,752 sq. ft. of residential land. The zoning for this project is Residential R-10.

The project site is all gently sloping terrain from Kaneohe Bay Drive at its upper elevation to Kaneohe Bay on its lower boundary. The property is currently serviced by all public utilities except for sewer. The project requires a Special Management Area Use Permit because of its location within the Shoreline Management Area. The relationship of this project to the neighborhood is intended to be harmonious and consistent with existing uses.

ACQUISITION AND DEVELOPMENT OF WAIANAE REGIONAL PARK EXPANSION, WAIANAE, OAHU, TMK: 8-5-02:1. Dept. of Parks &

Recreation/City & County of Honolulu.

The City & County of Honolulu proposes to acquire a 4.02 acre parcel of shoreline property identified as TMK 8-5-02:1 for expansion of the Waiānae Regional Park. Existing structures will be removed including a caretaker's residence, a fence and a beach house. Park improvements to be developed include a comfort station, shower, paved parking area and access road, irrigation system, landscaping, water line and sewer main.

Presently the property is not open for public use. When acquired and improved as a park, it will be open to the public at all times.

The 1988 City Capital Improvement Program budget appropriated \$1.7 Million for acquisition of the property. The actual cost of the land and the improvements will be determined at a later date.

OUTRIGGER WAIKIKI HOTEL REMODEL & IMPROVEMENT, HONOLULU, OAHU,  
TMK:2-6-02:17, Outrigger Hotels  
Hawaii/Dept. of Land Utilization, City & County, Honolulu.

The Outrigger Hotel proposes to remodel the interior lobby, basement and street levels. On the parking level will be added a drop-off and a waiting area. Circulation and commercial spaces will be reconfigured on the street level improving pedestrian access. An elevator will also be added to improve access from the parking level to the lobby.

On the exterior the makai elevation will receive new fascia elements and planters. An enlarged pool and an improved pool deck with new landscaping will be the visible improvements. Pool deck surface construction is setback 75 ft. from the shoreline. No construction is proposed within the 40 ft. shoreline setback.

Construction is estimated to begin in autumn 1989 at a cost of \$7.8 million.

CONSERVATION DISTRICT USE APPLICATION:  
INSTALLATION OF NEW 12 INCH WATER MAIN ON DIAMOND HEAD ROAD AND RENOVATION OF THE EXISTING 12 INCH MAIN ALONG THE BEACH FRONT, HONOLULU, OAHU, Board of Water Supply/Dept. of Land & Natural Resources, TMK:3-1-42.

The Board of Water Supply proposes to replace an existing 12 inch water line which runs along the shoreline with a new 12 inch pipe to be installed along Diamond Head Road. Most of the existing pipe would be removed while a portion would be plugged and abandoned in place.

The existing 12 inch pipeline runs along Diamond Head Road from Paki Ave to Beach Road to the shoreline. There it crosses the Coast Guard property (TMK: 3-1-42:3) to Diamond Head Beach Park (TMK:3-1-42:2) and continues along the shoreline of the State Park land (TMK:3-1-38:29) along the shoreline to Diamond Head Road.

The cost of the project is estimated at \$500,000.

KAUAI

HALE HAUOLI NEW FACILITIES, KAPAA, KAUAI,  
Dept. of Health/ Dept. of Accounting & General Services, TMK:4-6-14:30.

This project will provide the Dept. of Health with a facility to continue its day activity program to teach and train developmentally disabled adults. A new single story concrete/masonry building of 15,400 gross sq. ft. will be built on the grounds of the existing Samuel Mahelona Hospital site. The asphaltic concrete roads, parking lot, utilities and site improvements will cover approximately 3 acres. The estimated cost of construction is \$3,180,000.

CONSERVATION DISTRICT USE APPLICATION:  
THE CONSOLIDATION AND SUBDIVISION OF FOUR PARCELS AT WAINIHA, KAUAI, TMK:5-8-03:1,2 & 4 and 5-8-02:2, Peter N. Taylor, Inc./Dept. of Land & Natural Resources.

The applicant proposes to relocate four land locked kuleanas located within a larger parcel owned by the same party. The objective is to provide road frontage to a paved public roadway and to provide connection to the public water system. No additional lots will be relocated or created.

This action to relocate the kuleanas will not require any improvements, grading, alteration or clearing of land except driveways in accordance with County standards.

#### MOLOKAI

CONSERVATION DISTRICT USE APPLICATION  
OFFSHORE COMMERCIAL MOORING, PUKOO,  
MOLOKAI, TMK: 5-7-7, Bill Kapuni's  
Snorkel Adventure/Dept. of Land & Natural Resources.

The applicant wishes to moor the vessel, Machias, or the vessel (HA771CP) in an existing dredged mooring basin at Pukoo, Molokai for the purpose of embarking and disembarking tourists. The proposed mooring will consist of one iron and steel ballast anchor weighing about one ton. Attached to the anchor would be a 50ft. length of 3/4 inch chain attached to a 30 ft. rope leading to a float on the surface. The basin is not in a navigable channel so the mooring float will not be obstructing the channel.

#### HAWAII

✓ CONSERVATION DISTRICT USE APPLICATION:  
TO CONDUCT COMMERCIAL ACTIVITIES ON  
TMK:7-04-08:26, NORTH KONA, HAWAII  
Robert S. McClean/Dept. of Land & Natural Resources.

The applicant proposes two new additional uses on the subject property. One is to recycle various metals. No permanent structure is contemplated only a portable office and a machine that crushes and

bales cans.

The second additional use is sandblasting and painting boat trailers, ready-mix trucks and various machinery. For this a permanent structure consisting of two bays will be constructed.

The first use is recycling of aluminum/aluminum cans, copper, stainless steel, wire radiators and other scrap metal.

The second use is sandblasting and painting boat trailers, trucks and other equipment. All Dept. of Health requirements will be complied with in both sandblasting and painting.

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#### EIS PREPARATION NOTICES

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The following proposed actions have been determined to require an environmental impact statement. Anyone can be a consulted party in the preparation of an EIS by writing to the listed contacts. Thirty (30) days are allowed for the requests to be a consulted party.

#### KAUAI

✓ RECONSTRUCTION OF HANAIEI BAY PIER,  
HANAIEI, KAUAI, TMK: 5-5-01-8, Division  
of State Parks/Dept. of Land & Natural Resources.

The Hanalei Bay Pier extends 535 ft. from Weke Road in Hanalei Town into the waters of Hanalei Bay. The pier is in a deteriorated condition with considerable spalling under the deck and cracks in several piles. Years of wave action have eroded the concrete, corroded the steel reinforcement and caused large chunks of decking to collapse at the end of the pier.

Alternatives considered for the proposed project include: 1. Demolishing the pier

and rebuilding everything at an estimated cost of \$1.6 million. 2. Save and keep as much of the existing pier and replace or repair other parts as required. The cost would be around \$1.8 million. 3. Demolish the pier and construct a new wood pier of 422 ft. The estimated cost is \$600,000. 4. Do nothing and allow the pier to collapse. A public safety problem could occur by ignoring the problem.

Historically, the Hanalei Bay Pier dates back to 1882 when Hanalei was the largest rice producing area in the State of Hawaii.

With the large number of streams, ponds, marshes and estuaries in this area, Hanalei provides an excellent habitat for water birds including some endangered species like the Hawaiian stilt, coot and duck. Marine life would also be impacted during any construction.

Deadline: Jan. 8, 1989

#### HAWAII

ESTABLISH A NEW HELIPAD TO REPLACE AN EXISTING ONE AT MAUNA KEA RESORT, SOUTH KOHALA, HAWAII. TMK:6-2-02:6. Mauna Kea Properties/Hawaii County Planning Dept.

The applicant proposes to relocate an existing helipad at Mauna Kea Resort to an area north of Wai'ula'ula Gulch. The new site is a small portion about 28,000 sq.ft.) of a larger 371 acre parcel located on the ahupua'a of Kawaihae 2, South Kohala. The helipad will be used for sightseeing tours and will serve as a pick-up and drop-off area. Fueling, maintenance and aircraft storage will occur at Keahole Airport.

The proposed site of the helipad is 2,000 ft. north of Mauna Kea Beach Hotel, about 1060 ft. mauka of Mau'umae Beach, 3350 ft. south of Spencer Beach Park and 1050 ft. mauka of the nearest residence.

Flight routes, noise, safety and other concerns would best be disclosed with the

preparation of an EIS.

Deadline: January 8, 1989

CONSERVATION DISTRICT USE APPLICATION FOR THE CONSTRUCTION OF 3 INDUSTRIAL BUILDINGS ON STATE LAND, PANAHEA, SOUTH HILO, HAWAII. TMK: 2-4-08:22, Hawaii County Economic Opportunity Council/Dept. of Land & Natural Resources

The applicant is proposing to modify an existing conditional use application HA-736 so that solar energy research and development may be accomplished on land leased by HCEOC from the State of Hawaii.

The applicant's efforts have been directed toward designing and implementing job training, job creation and job maintenance and business project developments for low income residents.

HCEOC proposes to construct the following three structures near the existing buildings. 1. A Lens Facility approximately 50' X 100' for lens research; 2. A Steam Engine Assembly Facility, about 25' X 25' for assembly space for technicians and tool storage; and 3. An Array Fabricating Facility about 25' X 100' for welding work and an outdoor space of 40' X 100'. A parking area will also be needed of about 100' X 150'. These facilities will be used for the development and fabrication of solar components.

CONTACT: Hawaii County Economic Opportunity Council  
34 Rainbow Drive  
Hilo, Hi. 96720

Deadline: Jan. 8, 1989

#### OAHU

EWA DEVELOPMENT PLAN AMENDMENT APPLICATION FROM COMMERCIAL, PUBLIC FACILITY, LOW AND MEDIUM DENSITY APARTMENT AND PARK TO COMMERCIAL AND PARK FOR KO OLINA RESORT PHASE II DEVELOPMENT.

EWA, OAHU. TMK: 9-1-15: 4 & 18, West Beach Estates/City & County of Honolulu, Dept. of General Planning.

Previously Published: November 23, 1988

Contact: Mr. Ernest Takahashi  
Project Manager  
Wilson Okamoto and Assoc., Inc.  
1150 S. King St. Suite 800  
Honolulu, HI 96814

Deadline: December 23, 1988.

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DRAFT ENVIRONMENTAL IMPACT STATEMENTS

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EISs listed in this section are available for review at the following public depositories: Office of Environmental Quality Control; Legislative Reference Bureau; Municipal Reference and Record Center (Oahu EISs); Hamilton Library; the State Main Library and the Kaimuki, Kaneohe, Pearl City, Hilo, Wailuku and Lihue Regional Libraries. EIS statements are also available at State Branch Libraries that are in proximity to the site of the proposed action.

Comments on the following EISs should be sent to : 1. the accepting authority and 2. the proposing agency. Please note the deadline for submitting written comments on the EIS.

OAHU

WAIKANE GOLF COURSE PROJECT, KOOLAUPOKO DISTRICT, OAHU. TMK: 4-8-14:4, Waikane Development Corp./Dept. of Land Utilization

Previously Published: November 23, 1988.

Contact: Ralph Portmore  
Group 70  
924 Bethel St.  
Honolulu, HI 96813

This EIS is also available at the Kailua Library.

Deadline: Jan. 9, 1989

KAUAI

UPPER WAILUA HYDROELECTRIC PROJECT, WAILUA, KAUAI. TMK: 3-9-01, Island Power Company Inc./Dept. of Land and Natural Resources.

Previously published: November 23, 1988.

Contact: Dean Anderson  
820 Mililani St. #712  
Honolulu, HI 96813  
Phone 599-5222

This EIS is also available for review at the Hanapepe and Kapaa Libraries.

Deadline: Jan. 9, 1989

NEW HELICOPTER FACILITY, LIHUE AIRPORT COMPLEX, LIHUE, KAUAI. State Dept. of Transportation, Airports Division.

Previously Published: November 8, 1988.

Contact: Mr. Dean Nakagawa  
Airports Div.  
State Dept. of Transportation  
Honolulu International Airport  
Honolulu, HI 96819

This EIS is also available at Hanapepe, Kapaa, Koloa Community School and Waimea Libraries.

Deadline: December 23, 1988

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FINAL ENVIRONMENTAL IMPACT STATEMENTS

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The following EISs have been submitted for acceptance and contain comments and

responses made during the review and response period.

approximately 4 miles of new highway between Kailua-Kona and Keauhou on the island of Hawaii.

## OAHU

WAIALUA KAHUKU REGIONAL WATER SYSTEM IMPROVEMENTS, WAIALUA KAHUKU, OAHU, City & County of Honolulu, Board of Water Supply.

Previously published: November 8, 1988

STATUS: Currently being processed by the Office of Environmental Quality Control.

WINDWARD OAHU REGIONAL WATER SYSTEM IMPROVEMENTS, MALAEKAHANA TO MAKAPU'U, OAHU, City and County of Honolulu Board of Water Supply

Previously published October 8, 1988.

This EIS is also available for review at the Kahuku Community-School, Kailua and Waimanalo Community-School libraries.

Status: Currently being processed by the Office of Environmental Quality Control.

## HAWAII

ALII HIGHWAY PROJECT, KAILUA-KEAUHOU, HAWAII. TMK: 7-5-17:05, 7-5-19:01, 38, 40 to 45; 7-5-20:01, 68 to 77; 7-6-13:08, 09, & 11; 7-6-14:01, 19, 20 & 28; 7-6-15:01, 05 to 07, & 33; 7-6-16:01, 26, 27; 7-6-17:01, 04, 06, 07, & 68; 7-6-18:29; 7-7-04:02, 11, 43, 47, & 56; 7-7-08:11, 21, 27, 30, 31, 96, & 99; 7-8-10:04, 35, 70, & 93. U.S. DEPT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, STATE DEPT. OF TRANSPORTATION (HIGHWAYS DIV.), & COUNTY OF HAWAII (DEPT. OF PUBLIC WORKS)

The proposed action is to construct

Existing average daily traffic on Alii Drive ranges from nearly 12,000 vehicles per day near Kailua to more than 6,000 per day near Keauhou. Current peak hour volumes are approximately 1,000 vehicles per hour to 600 vehicles per hour. This is projected to rise by the year 2005 to a peak volume of over 2,400 vehicles per hour near Lunapule Road and over 1,500 vehicles per hour near Kamehameha III Road.

The proposed Alii Highway would consist of 4 twelve foot wide lanes with two lanes in each direction with paved shoulders within a 100 ft. right of way.

Alternatives discussed in this EIS include "no action", widening the existing Alii Drive and four possible alignments for a new highway. The alternatives considered would also improve air quality and reduce noise levels along Alii Drive.

This project is being funded by the U.S. Dept of Transportation, Federal Highway Administration and the County of Hawaii Dept. of Public Works. The total cost is estimated at \$10 million with \$7.5 million to be paid by the Federal Highway Administration.

Contact: Mr. Hugh Y. Ono, Chief Engineer  
Dept. of Public Works  
County of Hawaii  
25 Aupuni St.  
Hilo, Hi. 96720  
Phone: 961-8321

STATUS: Currently being processed by the Office of Environmental Quality Control.

CONSTRUCTION OF 32 UNIT APARTMENT BUILDING AND RELATED IMPROVEMENTS, KAHALU, NORTH KONA, HAWAII. Kamaaina Corp./County of Hawaii Planning Commission through the Planning Dept.

Previously published Feb. 8, 1988.

STATUS: Accepted by the County of  
Hawaii Planning Dept. on  
November 17, 1988.

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ANNOUNCEMENT:

The People's Water Conference #5 will be held on January 13 and 14, 1989 in the Hawaii State Capitol Auditorium from 8:AM to 3:PM. For additional details please contact Martha Black, Phone 395-2127.

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KEAHOLE AIRPORT EXPANSION, NORTH KONA,  
HAWAII. Dept. of Transportation,  
Airports Division, and Federal Aviation  
Administration

Previously published November 8, 1988.

This EIS is also available for review at the Hualaloa and Kailua-Kona libraries.

Status: Currently being processed by the Office of Environmental Quality Control.

SITE SELECTION FOR THE NEW KONAWAENA  
ELEMENTARY SCHOOL, KONA, HAWAII,  
Department of Accounting and General  
Services

Previously published October 8, 1988.

STATUS: Accepted by the Governor on  
November 15, 1988.

NEW PAHOA ELEMENTARY SCHOOL, PAHOA,  
HAWAII, Department of Accounting and  
General Services

Previously published October 8, 1988.

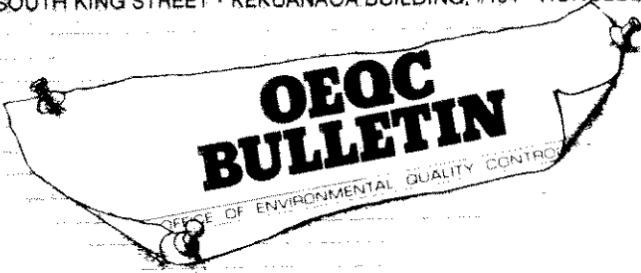
Status: Accepted by the Governor on  
November 15, 1988.

FINAL SUPPLEMENTAL ENVIRONMENTAL IMPACT  
STATEMENT: AMENDMENT TO THE MAUNA KEA  
SCIENCE RESERVE COMPLEX DEVELOPMENT PLAN  
FOR A VERY LONG BASELINE ARRAY (VLBA)  
ANTENNA FACILITY BY THE NATIONAL RADIO  
ASTRONOMY OBSERVATORY AT MAUNA KEA,  
HAMAKUA, HAWAII, Institute of Astronomy,  
University of Hawaii

Previously published September 23, 1988.

Status: Accepted by the Governor on  
November 2, 1988.

465 SOUTH KING STREET • KEKUANAOA BUILDING, #104 • HONOLULU, HAWAII 96813



**OEQC  
BULLETIN**

OFFICE OF ENVIRONMENTAL QUALITY CONTROL

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# OEQC BULLETIN



JOHN WAIHEE  
GOVERNOR

MARVIN T. MIURA, Ph.D.  
DIRECTOR

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#### HAWAII

KAU POLICE STATION, Department of Public Works, County of Hawaii (TMK: 9-5-12: 2)

The Department of Public Works

proposes to construct a new police station to house its operations for the district of Kau. The site designated for this facility is a portion in the ahupua'a of Poupouwela, Kau, Hawaii.

The present police station for the district is in Naalehu. The new station facility will provide an opportunity for the police command to centralize its operations for the district, where administration and security of its function were once severely compromised by the physical condition of station facilities. Most importantly, it will be moving all operations away from the residential community.

As proposed, the new station will consist of a 2,700-square-foot main building, three concrete helicopter pads, a police parking area with 14 stalls, a public parking area with 14 stalls, a secured and covered vehicular evidence storage area, gas pump, and provision for future microwave antenna tower and fire

station sites.

The new station will enable emergency helicopter landings to occur at a main coordinating site where critical timing, especially under emergency situations, demands a quick ground-to-air transfer. Large-scale operations such as the marijuana eradication program can be staged from the police station, allowing landing and storage for helicopters and rest accommodations for the officers and helicopter crews brought in for these special operations.

The closest county water available to the project site is near the Naalehu school. Current plans are to install a new 8-inch water line from the county system to the project. Noise generation due to the projected irregular landings of helicopters at the station is anticipated. Police operations related to the marijuana eradication program, fires, emergency and rescue operations, and other tasks requiring landings at the station will invariably cause noticeable noise for the immediately surrounding area.

The area is currently sparsely populated. Mitigation of noise generated by helicopters can be effectively implemented with the implementation and adherence of aircraft to approaches generally from the easterly or makai direction. No urbanization occurs makai of the project area, and landing approaches and takeoffs from this direction would be safe and quiet for surrounding lands.

CONSTRUCTION OF BUILDING, Kahikolu  
Congregational Church/Planning  
Department, County of Hawaii (TMK:  
8-02-07: 6)

The applicant wishes to construct a building for church use on its 2.58-acre lot near the south end of Kealahakua Bay in Kahualoa I, South Kona. The parcel is located within the Kealahakua Bay Historic District, which is listed on the National Register of Historic Places.

The proposed building is to be accessory to the main historic church building and is to be used as a fellowship/meeting facility for church-related or directed activities.

Parking will be accommodated in the existing 61-stall parking lot. A cesspool will be dug for wastewater disposal needs. The property is occupied only by the existing historic church building and by the parking lot.

Nearby properties are either vacant or used for residential or agricultural purposes. Because the planned use of the proposed structure is not a permitted use, a special permit will need to be approved by the Hawaii County Planning Commission.

#### KAUAI

KALAHEO ELEMENTARY SCHOOL FOUR-CLASSROOM BUILDING, Division of Public Works, Department of Accounting and General Services (TMK: 2-3-02: 05)

The Department of Accounting and General Services proposes to construct a single-story concrete and masonry four-classroom building and related utility improvements. The estimated cost of construction is \$1,001,000. Since the project will be constructed within the existing school campus, no land will be removed from the tax base. The temporary dust, noise, and silting that will occur during construction will be controlled by application of appropriate pollution control measures.

COMMERCIAL BICYCLE TOURS AT PUU KA PEOPLE FOREST RESERVE, Bren Donofrio/Department of Land and Natural Resources (TMK: 1-2-1: 07; 1-4-2)

The applicant proposes to conduct one to three bicycle visitor tours of from two to six visitors each along the Puu Ka People forest management road within the Puu Ka Pale forest reserve. Tours are to be scheduled on weekdays only (none on weekends or holidays).

The Puu Ka People forest reserve area is within Division of Forestry and

Wildlife reforestation and game management areas managed for multiple forest resource use, including tree product and recreation benefits. The route includes a wild-land forest reserve picnic area along the way in Kaulaula Valley.

#### MAUI

LAHAINA CHILDREN'S PARK, Department of Parks and Recreation, County of Maui (TMK: 4-6-02: 10)

The applicant is applying to the Maui Planning Commission for a special management area permit to make additions and alterations to the existing Maui County Armory Park to convert this general-use park to a children's playground. The project is located on the ocean and in the Lahaina historic district. It is expected that, due to the present lack of facilities for small children, the playground will be intensely utilized during daylight hours. Present nighttime uses of the property are by street people. The property is located within a possible flood inundation zone and is subject to the flood hazard district ordinance. The Department of Public Works has requested a detailed drainage and erosion control plan to verify that the grading and runoff water generated by the project will not have an adverse effect on the adjacent and downstream properties. Water, electrical, and sanitary sewer systems currently service the site; however, improvements may be required.

#### OAHU

DEVELOPMENT OF WELLS I AND II, Board of Water Supply, City and County of Honolulu (TMK: 8-5-06: 8 and portion of 1)

The Honolulu Board of Water Supply (BWS) proposes to expand BWS lot, TMK: 8-5-06:8, to support and construct the Waianae I production well; to create a lot and construct the Waianae II production well; and to create a pipeline and roadway easement and construct same. The project sites with the two exploratory wells are located

in state lands under the jurisdiction of the state Department of Land and Natural Resources.

The proposed project calls for the following work:

1. Subdivision of two separate lots
2. Final grading of lots
3. Installation of deep well pumps and motors
4. Construction of control stations with operating reservoirs
5. Installation of electrical transformers
6. Installation of transmission main to existing system
7. Construction of access roadway
8. Fencing of property

Access to the well sites is by the Waianae Valley Road, a gravel/dirt road which connects to a dirt jeep trail. The sites are located in the Guava Zone, where the native plant communities have been almost entirely replaced by plants brought to Hawaii.

PROPOSED COMMERCIAL BUILDING EXPANSION AT 330 ROYAL HAWAIIAN AVENUE AND WAIKOLU WAY, Kinkai Partnership/Department of Land Utilization, City and County of Honolulu (TMK: 2-6-19: 22, 23, 24, 27, 28, 46, 47, 48)

Kinkai Partnership is a real estate development and ownership entity created to develop and own the real estate assets employed in the Duty Free Retail Operation in Waikiki. The partnership proposes to develop the real estate and lease it to Duty Free Shoppers for its retail business. Duty Free Shoppers plans to significantly increase the size of its Royal Hawaiian Avenue store in Waikiki.

The primary motivation for undertaking the action is economic. In winning the Bid for the state of Hawaii Duty Free Concession, Duty Free Shoppers has contracted to pay the state \$1.1 billion or 20% of the gross sales, whichever is greater. In order to meet or exceed these commitments, Duty Free Shoppers finds it necessary to expand its existing facilities. The total

store and associated facilities will expand from the current size of 50,000 square feet to a total of 110,000 square feet, of which approximately 75,000 square feet will be retail area. The estimated cost of the project is \$50 million.

The expansion will take place on various lots adjacent to the existing store which have been acquired by Kinkai Partnership for that purpose. The new facility will have three floors above grade and a basement, together with associated parking. The ground floor will be used for reception and various service functions, while the second and third floor will be the expanded retail facility.

Pedestrian access to the store will be on Royal Hawaiian Avenue and Lewers Street, while vehicular traffic will continue to enter from Lewers Street and exit onto Royal Hawaiian Avenue. The proposed development is expected to generate an increase in traffic to the site.

CONSTRUCTION OF AN ELEPHANT EXHIBIT SHELTER AND AN AVIARY QUARANTINE SHELTER AT HONOLULU ZOO, Department of Parks and Recreation, City and County of Honolulu (TMK: 3-1-43: 1)

The proposed project will include construction of a portable elephant exhibition shelter and a portable aviary quarantine shelter. The approximate dimensions of the elephant and aviary shelters will be, respectively, 60 feet by 100 feet by 25 feet and 30 feet by 50 feet by 16 feet.

Building materials will consist of aluminum beams and spreader bars and a fabric which is identified as durable P.V.C. coated polyester scrim treated with inhibitors to prevent degeneration from ultraviolet rays. Site work/infrastructure will not be required.

The exact siting of the aviary and elephant shelters have yet to be determined. However, they will be

located within reasonable proximity of the existing bird cages and elephant pen.

CONSTRUCTION OF VEHICULAR BARRIER CRM WALLS AND RELATED SITE IMPROVEMENTS AT KAILUA BEACH PARK, Department of Parks and Recreation, City and County of Honolulu (TMK: 4-3-09, 10 and 11)

Kailua Beach Park is located in Koolaupoko between Lanikai and Kailua town. The park site is bounded by Kailua Bay on the north, residential areas and Mid-Pacific Country Club on the south, Aloha Point and residences on the east, and residences on the west.

The proposed action includes construction of 18-inch high CRM walls along the park access road and around the existing parking lots to prevent vehicles from entering and damaging improved park areas. The project will also include construction of three-foot high CRM sand barriers to prevent wind-blown sand from entering the parking lots and interior road, adjustments of the existing irrigation and water systems, and relocation of the park name sign.

Sediments and other materials generated during construction may enter the existing drainage system and ultimately Kailua Bay during rainy periods. Contractors will be responsible for maintaining a debris-sediment trap system to reduce or eliminate contaminants from entering the receiving waters.

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**EIS PREPARATION NOTICES**

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The following proposed actions have been determined to require an environmental impact statement. Anyone can be consulted in the preparation of the EIS by writing to the listed contacts. Thirty days are allowed for requests to be a consulted party.

HAWAII

ESTABLISH A NEW HELIPAD TO REPLACE AN EXISTING ONE AT MAUNA KEA RESORT, SOUTH KOHALA, HAWAII, Mauna Kea Properties/Hawaii County Planning Department (TMK: 6-2-02: 6)

Previously published December 8, 1988.

Deadline: January 8, 1989

CONSERVATION DISTRICT USE APPLICATION FOR THE CONSTRUCTION OF 3 INDUSTRIAL BUILDINGS ON STATE LAND, PANAWEA, SOUTH HILO, HAWAII, Hawaii County Economic Opportunity Council/Department of Land & Natural Resources (TMK: 2-4-08: 22)

Previously published December 8, 1988.

Contact: Hawaii County Economic Opportunity Council  
34 Rainbow Drive  
Hilo, HI 96720

Deadline: January 8, 1989

#### KAUAI

RECONSTRUCTION OF HANAIEI BAY PIER, HANAIEI, KAUAI, Division of State Parks, Outdoor Recreation, and Historic Sites, Department of Land and Natural Resources (TMK: 5-5-01-8)

Previously published December 8, 1988.

Contact: Clyde Hosokawa  
Division of State Parks,  
Outdoor Recreation, and  
Historic Sites  
Department of Land and  
Natural Resources  
P.O. Box 621  
Honolulu, HI 96809

Deadline: January 8, 1989

#### OAHU

WAIOLA ESTATES SUBDIVISION, Department of Housing and Community Development, City and County of Honolulu (TMK: 9-4-07: 1)

An EIS for the Waiola Estates Subdivision was prepared by the Department of Housing and Community Development and accepted by the Department of Land Utilization on

October 6, 1986. A new EIS will be prepared using much of the material in the 1986 EIS to discuss the changes that have been made in the site plan, housing unit mix, and target group. Many of the changes respond to agency and community concerns.

The project proposed in 1986 contained about 1,500 single family units, together with park, school and reservoir sites. Eighty percent of the units proposed in 1986 were intended for "gap group" households and the remaining twenty percent for low- and moderate-income purchasers.

The revised project provides for 60% of the units for gap-group and low- and moderate-income households while the remaining 40% will be sold at market prices. The project will increase the area population by about 1,345 households, containing 3,879 to 4,244 persons.

The parcel is bounded by Kamehameha Highway (adjoining Gentry-Waipio at this location) to the east, Kipapa Gulch and the Kipapa military reservation to the west, and Amfac, Inc.'s proposed Waikele community to the south. The project site is used for pineapple cultivation. While the physical characteristics of the site meet the current criteria for pineapple production, operations are restricted by urban encroachment. Alternative crops were determined to be inappropriate for the site by the landowner.

The 269-acre parcel, when fully developed as proposed, will provide a total of about 1,345 units, consisting of 850 single-family lots, 305 townhouse units, and 190 apartment units. The project will conform in large part with all standard subdivision requirements, including underground utilities, curbs, and sidewalks. About 130 of the units will be available for rental by qualified senior citizens.

Amenities include a 90-acre regional recreational facility. Tentative plans include a municipal golf course and a

regional park. A park-and-ride facility will be provided in proximity to the low-density apartment, elderly housing, child care, and school/playground components. A number of offsite improvements, including widening of Kamehameha Highway and development of additional water resources and storage, are also required to accommodate the proposed development. A new interchange is planned at Paiwa Street (Interstate H-1) in Waipahu, while another is already under construction at Interstate Highway H-2 near the Mililani Memorial Park overpass.

The City will fund the widening of Kamehameha Highway along the Waiola Estates frontage, while Amfac, Inc., will fund the widening along the Waialeale project frontage.

The proposed project is included in the Pearl Harbor Water Use District (PHD), which covers 69 square miles and overlies the basal water formation that constitutes the major water resource of southern Oahu. In addition to the PHD, the Ewa Water District (which has an area of 119 square miles) also partly overlies the same basal groundwater. This regional groundwater source serves as the major resource for all of southern Oahu as well as for portions of Honolulu and Waianae.

Waiola Estates will require 1 million gallons (MGD) per day for residential use at full development; the golf course and park sites will require an additional 0.072 MGD. The Honouliuli Wastewater Treatment Plant will also have to be expanded before flows to this development can be accommodated. Anticipated completion of the plant expansion is 1993.

Contact: Gail Kaito  
Department of Housing and  
Community Development  
City and County of Honolulu  
650 South King Street  
Honolulu, HI 96813

Deadline: January 23, 1989

## DRAFT ENVIRONMENTAL IMPACT STATEMENTS

EISs listed in this section are available for review at the following public depositories: Office of Environmental Quality Control; Legislative Reference Bureau; Municipal Reference and Records Center (Oahu EISs); Hamilton Library; State Main Library and the Kaimuki, Kaneohe, Pearl City, Hilo, Wailuku and Lihue Regional Libraries. Statements are also available at State Branch Libraries that are in proximity to the site of a proposed action (indicated by project description).

Comments on the following EISs should be sent to: 1) the accepting authority; and 2) the proposing agency. Please note the deadline date for submitting written comments on the EIS.

### HAWAII

HONOLI'I HYDROELECTRIC POWER PROJECT,  
Mauna Kea Power, Inc./Department of Land  
and Natural Resources (TMK: 2-6-09: 11;  
2-6-12: 18, 24, 29, 30, and 31; 2-7-02:  
21)

The proposed project will be located along Honoli'i Stream on the eastern coast of the Big Island. The stream generally flows in a west to east direction, emptying into Hilo Bay at Honoli'i Cove, three miles north of Hilo.

In the proposed project area, the average annual rainfall is between 100 inches near the powerhouse location and 275 inches near the proposed weir site. Honoli'i Stream is within the south Hamakua watershed, which is located in the Hilo Hydrographic Area.

Except at the coastline, where there is low-density residential development near the main highway, the stream is surrounded by intensively used agricultural lands to the north and south. The upper reaches of the stream, outside the project area, are located within the Hilo Forest Reserve.

The proposed project will be a combination run-of-the-river and conduit-type operation. It will consist of a diversion weir, a 20,350-foot long penstock, a power plant and substation, access roads to the weir and powerhouse, a 69 kV electric transmission line, and a 5 kV power line. The penstock will be primarily buried alongside existing cane roads on the south side of the stream and will not cross any perennial stream channels. Ravines where water intermittently flows during heavy rains will be returned to their original condition after the pipe is buried. In deep ravines, culverts may be installed to allow water to flow under the penstock.

The powerhouse will be located approximately 50 feet from the stream at a elevation of 80 feet mean sea level, 3.7 miles downstream from the diversion weir. The proposed site offers favorable ground elevations and slopes which will enable the powerhouse to be constructed without the need for significant clearing and grading.

The project will consist of three power lines. A 4.16 kV line will carry power from the powerhouse to the substation. A new 69 kV transmission line will be built from the substation to the existing 69 kV line along Mamalahoa Highway, a distance of about 2,500 feet.

Access roads to the weir and intake will include a temporary 1,500-foot road from an existing sugarcane road on the north side of the stream and about 2,400 feet of permanent access from the south. A temporary access road, 400 feet long, will connect the substation with the powerhouse. A permanent 220-foot long access road between the powerhouse and the existing driveway will be built for post-construction access to the powerhouse from Kahoa Street.

The plant will have a maximum capacity of 14.6 megawatts and annually will produce about 35,000 megawatt hours of electric power, which will be sold to

Hawaii Electric Light Company.

Contact: Duk Hee Murabayashi  
DHM Planners, Inc.  
1188 Bishop Street, Suite  
2405  
Honolulu, HI 96813

This EIS is also available for review at the Holualoa Library.

Deadline: February 6, 1989

#### KAUAI

UPPER WAILUA HYDROELECTRIC PROJECT,  
WAILUA, KAUAI, Island Power Company  
Inc./Department of Land and Natural  
Resources (TMK: 3-9-01)

Previously published November 23, 1988.

Contact: Dean Anderson  
820 Mililani St. #712  
Honolulu, HI 96813

This EIS is also available for review at the Hanapepe and Kapaa Libraries.

Deadline: January 9, 1989

#### MAUI

HONOAPIILANI HIGHWAY, PUAMANA TO  
HONOKOWAI, Department of Transportation  
(TMK: Alternative A: 4-04-06,  
4-05-07, 4-05-09, 4-05-10,  
4-05-11, 4-05-21, 4-06-10,  
4-06-13, 4-06-14, 4-06-15,  
4-06-16, 4-07-01, 4-07-02  
Alternative B, Mauka Tier  
Variation: 4-04-06, 4-05-15,  
4-05-21, 4-05-31, 4-05-34,  
4-06-14, 4-06-18, 4-07-01,  
4-07-02, 4-07-03  
Alternative B, Tunnel and  
Surface Variation: 4-04-06,  
4-05-15, 4-05-21, 4-05-31,  
4-05-34, 4-06-14, 4-06-18,  
4-07-01, 4-07-02, 4-07-03  
Extension of Alternatives A and  
B: 4-03-01, 4-04-02, 4-04-03,  
4-04-06, 4-05-21  
Alternative C: 4-04-06,  
4-05-17, 4-05-21, 4-06-14,  
4-06-18, 4-07-01, 4-07-02,  
4-07-03  
Extension Portion of

Alternative C: 4-03-01,  
4-04-02, 4-04-03, 4-04-06,  
4-05-21

Widening Alternative for  
Alternatives A, B & C: 4-03-01,  
4-04-01, 4-04-02, 4-04-06

Note: Other parcels may be included  
during the design stage)

The purpose of the proposed  
improvements is to provide additional  
highway corridor capacity between  
Puamana and Honokowai by either  
widening the existing highway or by  
realigning the existing highway.  
Honoapiilani Highway is the only state  
highway serving this area, which  
consists of commercial, agricultural,  
resort, and residential land uses. The  
volume of traffic on Honoapiilani  
Highway between Lahainaluna Road and  
the Kaanapali Parkway is particularly  
heavy. Future land uses in the West  
Maui area will cause traffic volumes  
in the project corridor to increase by  
more than double the existing traffic  
volume. The subject corridor study for  
the project section between Puamana  
and Kaanapali consists of three  
realignment (bypass) alternatives: (1)  
through an existing sugar mill site;  
(2) through an existing residential  
street; and (3) through existing  
schools. For this segment of the  
project, the widening alternative was  
not feasible.

For the project section between  
Kaanapali and Honokowai, widening and  
realignment alternatives were studied.  
All of the alternatives will have  
insignificant effects on the physical  
environment, but all have social and  
economic costs.

The proposed project is generally  
consistent with all land use plans and  
policies. However, state land use  
designations for agricultural lands  
will require boundary changes and  
should be considered an unresolved  
issue until an alignment has been  
selected.

The major actions by other  
governmental agencies in the area are:

1. Kahoma Stream Flood Control by

2. the Corps of Engineers and the  
County of Maui  
Construction of Lahaina  
Recreation Park Complex at Shaw  
Street and Honoapiilani Highway;
3. Expansion of the schools at  
Lahainaluna Road
4. Soil Conservation Service flood  
control projects in Lahaina and  
in Honokowai
5. State of Hawaii's affordable  
housing program
6. Lahaina Historic, Cultural  
Scenic District (Maui County)

Contact: Albert Ng  
Project Manager  
Highways Division  
Planning Branch  
Advanced Planning Section  
Department of Transportation  
600 Kapiolani Boulevard,  
Room 304  
Honolulu, HI 96813

This EIS is also available for review  
at the Kahului, Lahaina, and Makawao  
Libraries.

Deadline: February 6, 1989

#### OAHU

WAIKANE GOLF COURSE PROJECT, KOOLAUPOKO  
DISTRICT, OAHU, Waikane Development  
Corp./Department of Land Utilization,  
City and County of Honolulu (TMK: 4-8-14:  
4)

Previously published November 23, 1988.

Contact: Ralph Portmore  
Group 70  
924 Bethel Street  
Honolulu, HI 96813

This EIS is also available at the  
Kailua Library.

Deadline: January 9, 1989

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#### FINAL ENVIRONMENTAL IMPACT STATEMENTS

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The following EISs have been submitted

for acceptance and contain comments and responses made during the review and response period.

EISs listed in this section are available for review at the following public depositories: Office of Environmental Quality Control; Legislative Reference Bureau; Municipal Reference and Records Center (Oahu EISs); Hamilton Library; State Main Library and the Kaimuki, Kaneohe, Pearl City, Hilo, Wailuku and Lihue Regional Libraries. Statements are also available at State Branch Libraries that are in proximity to the site of a proposed action (indicated by project description).

## HAWAII

HAWAII COMMODITIES IRRADIATION FACILITY, Department of Business and Economic Development (TMK: Site A, 2-1-12: 106, 107, 108; Site B, 2-1-12: 56, 74, and 75; Site C, 2-1-25: 86)

The applicant is proposing to contract for the design, construction, and operation of a demonstration commodities irradiation facility in Hilo. The demonstration project would last three years, after which the plant would continue commercial operation or be decommissioned at the option of the contractor. The proposed facility would be used to irradiate fruit products, primarily papayas, which are produced for overseas export and subject to U.S. and foreign quarantine requirements for fruit fly infestation.

The proposed facility would consist of a warehouse building housing the irradiator and ancillary operations. The irradiator equipment would be located inside a concrete-walled room. Ancillary facilities would consist of office space, dosimetry laboratory, storage space for treated and untreated fruit, and employee lockers and restrooms. The entire facility would be fenced for security, with access via a secured gate.

Construction of the facility would involve the development of four to

five acres of land. Three sites are being considered: Site A, which is adjacent to the frontage road (Kekuana Avenue) along the General Lyman Field (Hilo Airport) access road and which is under the jurisdiction of the Department of Transportation; Site B, which is north of the existing air cargo buildings near the old passenger terminal on the western side of General Lyman Field and which is under the jurisdiction of the Department of Land and Natural Resources; and Site C, which is on Railroad Avenue across from the Hawaii Electric Light Company's main generating station in Hilo and which is under the jurisdiction of the Department of Hawaiian Home Lands.

Status: Currently being processed by the Office of Environmental Quality Control.

ALII HIGHWAY PROJECT, KAILUA-KEAUHOU, HAWAII, U.S. Department of Transportation, Federal Highway Administration, State Department of Transportation (Highways Division), County of Hawaii (Department of Public Works) (TMK: 7-5-17:05, 7-5-19:01, 38, 40 to 45; 7-5-20:01, 68 to 77; 7-6-13:08, 09, & 11; 7-6-14:01, 19, 20 & 28; 7-6-15:01, 05 to 07, & 33; 7-6-16:01, 26, 27; 7-6-17:01, 04, 06, 07, & 68; 7-6-18:29; 7-7-04:02, 11, 43, 47, & 56; 7-7-08:11, 21, 27, 30, 31, 96, & 99; 7-8-10:04, 35, 70, & 93)

Previously published December 8, 1988.

STATUS: Currently being processed by the Office of Environmental Quality Control.

KEAHOLE AIRPORT EXPANSION, NORTH KONA, HAWAII, Department of Transportation, Airports Division, and Federal Aviation Administration

Previously published November 8, 1988.

This EIS is also available for review at the Holualoa and Kailua-Kona libraries.

Status: Currently being processed  
by the Office of  
Environmental Quality  
Control.

WINDWARD OAHU REGIONAL WATER SYSTEM  
IMPROVEMENTS, MALAEKAHANA TO MAKAPU'U,  
OAHU, Board of Water Supply, City and  
County of Honolulu

OAHU

WAIALUA KAHUKU REGIONAL WATER SYSTEM  
IMPROVEMENTS, WAIALUA KAHUKU, OAHU, Board  
of Water Supply, City and County of  
Honolulu

Previously published November 8, 1988.

STATUS: Currently being processed  
by the Office of  
Environmental Quality  
Control.

Previously published October 8, 1988.

This EIS is also available for review  
at the Kahuku Community-School, Kailua  
and Waimanalo Community-School  
libraries.

Status: Currently being processed  
by the Office of  
Environmental Quality  
Control.



# SEASON'S GREETINGS

The STAFF of OEQC

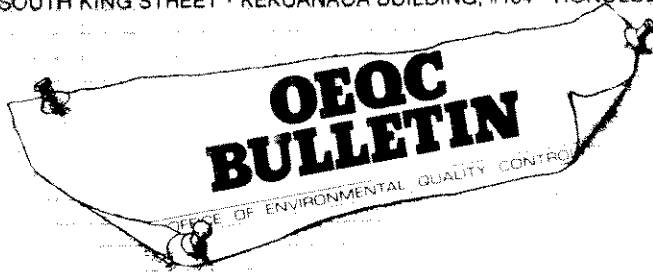
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